

CAPITAL PROJECTS DETAIL

238 ND State College of Science

Version: 2015-R03-00238

Date: 12/23/2014

Time: 12:17:39

Capital Project			
Water Sewer			
	Total Project Cost	Request/Optional	Recommendation
		13,298,000	13,298,000
	General Fund	13,298,000	13,298,000
	Federal Funds	0	0
	Special Funds	0	0
	Bonding	0	0

Is this a multibiennium project?	No of Biens: 1	Est. Costs 13,298,000
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Future Increased Costs Associated with Project Approval								
	2015-2017	2017-2019	2019-2021		2015-2017	2017-2019	2019-2021	
Salaries and Wages	0	0	0	FTE	0.00	0.00	0.00	
Operating Expenses	0	0	0					
Equipment > \$5,000	0	0	0	General Fund	0	0	0	
IT Equipment > \$5,000	0	0	0	Federal Funds	0	0	0	
Special Lines	0	0	0	Special Funds	0	0	0	
Total	0	0	0	Total	0	0	0	

Project Specifications

This project was specifically identified within the Paulien and Associates NDUS System-Wide Master Plan as an appropriate and urgent infrastructure investment which will wholly reduce deferred maintenance by the value of the project. (The value of other infrastructure projects within the system and included in this request have not been calculated or included within the current \$800,000,000 estimate.) This project has the potential to greatly reduce future operating costs due to the nature of the infrastructure being replaced: Sewer and water mains, which often fail during extreme cold, can be very difficult and expensive to repair during winter months, and cause a significant amount of disruption to buildings served by the utilities.

Project scope of work includes: \$1,595,000 for planning-fees-permits; \$3,264,900 for the actual sewer and water mains (including new fire hydrants, etc.); \$7,618,100 for restoration of roadways and parking lots (some of this will be for storm water appurtenance as it is tied to the paving); and a contingency of \$820,000. Although some infrastructure repairs and improvements have been completed in the past, most have be part of a larger capital improvement whereby the infrastructure work was directly related to the larger project and did not serve a broader field of facility components. Additional infrastructure work may be requested in the future as this project does not replace all the utility infrastructure, but instead only that which should be replaced at this time.

Cost Benefit Analysis

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Not Applicable - This is not a new building construction request.